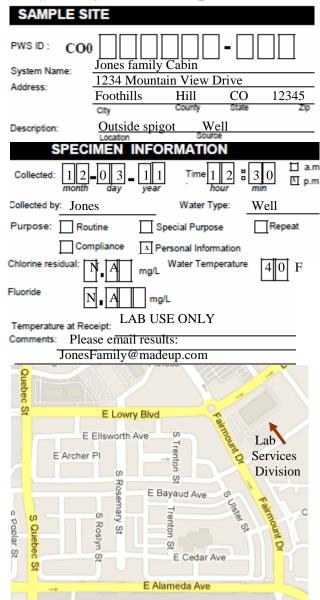
## Request form example



I:\Customer info\Instructions\Chemistry\INST-Radon-R0.doc

# Laboratory Services Division

# Water sampling instructions for Radon-222



2 radon bottles per test



Colorado Department of Public Health and Environment 8100 Lowry Boulevard Denver, CO 80230

Phone (303) 692-3048 Fax (303) 344-9989 http://coloradostatelab.us

# Sample Collection

- The best sample location is at the wellhead, or between the wellhead and the pressure tank (if any)
  - Outdoor faucet may be good or there may be a valve on the line before the tank
  - If an indoor faucet must be used remove the aeration screen
- Run water as fast as possible WITHOUT causing any turbulence or aeration for 10-15 minutes
- Fill both bottles to the top and allow it to overflow
- Tighten bottle cap and invert to check for bubbles
  - ~ If there is a bubble empty bottle and refill
- There is no preservative in the bottles, so the bottle can be filled and emptied as often as necessary to get a good sample
  - An air bubble in the sample may result in the sample being rejected and the test re-run
- The laboratory will average the results for the two bottles and report the average

#### Bottle labels

- Write the customer name and collection date and time on each label and affix one label to each bottle
- If submitting bottles for more than one sample site/location please describe the location so we can tell the samples apart

## Request for Analytical Services Form

- Verify that the customer address is correct and that the address can accept mail
  - Record an email address if you want the results emailed
- Ignore the PWS ID as this is only for public water systems
- Record any relevant sample site information
  - ~ See back page for example
- Record the date and time that the sample was collected
- Record the water type. For example: well, public, surface/pond/stream, or other (include description)

#### Submitting samples to the laboratory

- The laboratory is not open on weekends or state holidays, so plan your sampling accordingly
- Plan to overnight or hand deliver the samples to the laboratory as the samples must be kept cool and are time sensitive
- Either hand deliver or overnight the samples to:

Laboratory Services Division 8100 Lowry Boulevard Denver, Colorado 80230